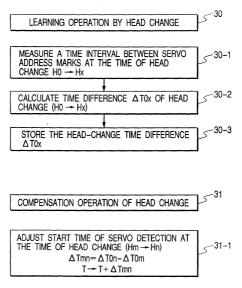
LEARNING OF THE AMOUNT OF HEAD SKEW OF SERVO SIGNAL AREA



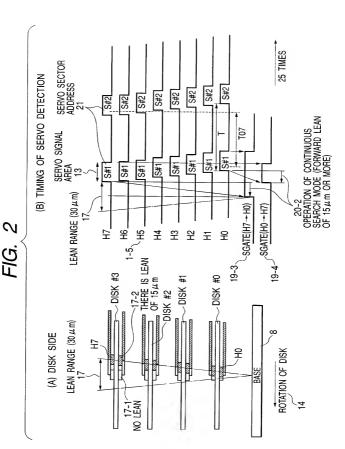
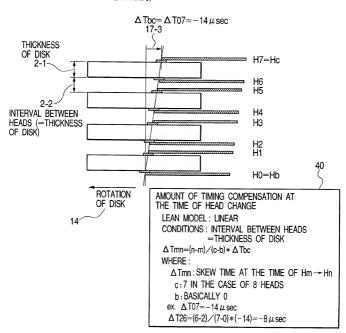
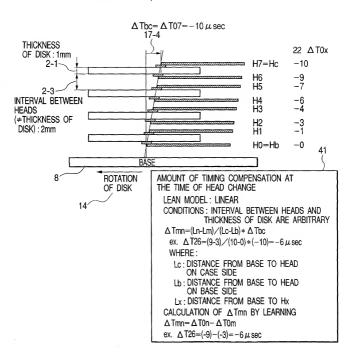


FIG. 3

LINEAR MODEL (THICKNESS OF DISK=INTERVAL BETWEEN HEADS)



# LINEAR MODEL (THICKNESS OF DISK # INTERVAL BETWEEN HEADS)



acceso" es.2.2.2007 FIG. 5

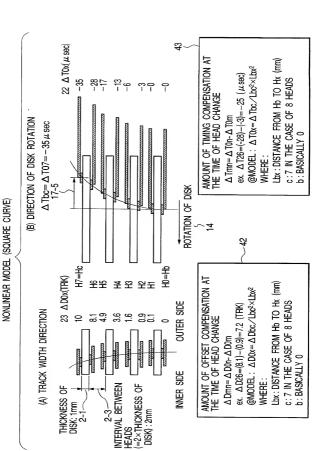
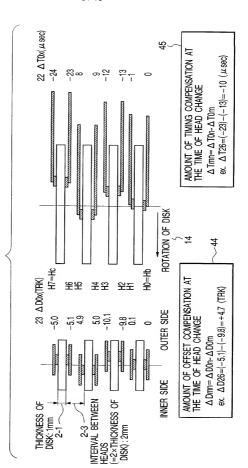
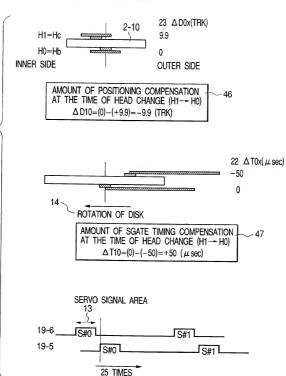


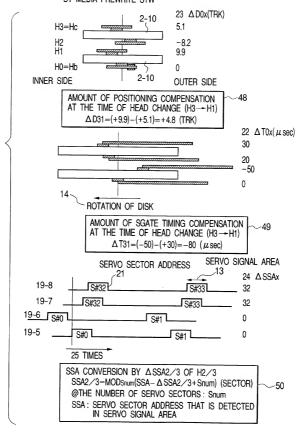
FIG. 6 DISK SLIP+HEAD SKEW



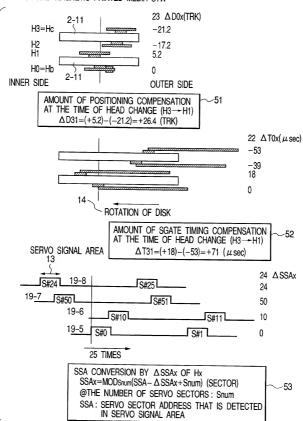
#### APPLICATION OF ONE PRE-STW DISK BY MEDIA PREWRITE STW



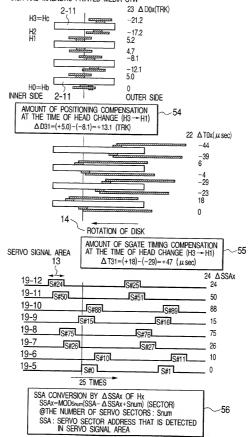
APPLICATION OF TWO PRE-STW DISKS BY MEDIA PREWRITE STW



APPLICATION OF TWO PRE-STW DISKS BY PATTERNED DISK AND MAGNETIC PRINTED MEDIA STW



APPLICATION OF FOUR PRE-STW DISKS BY PATTERNED DISK AND MAGNETIC PRINTED MEDIA STW





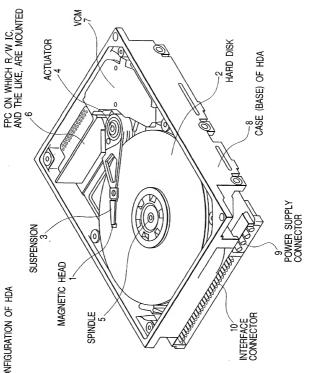
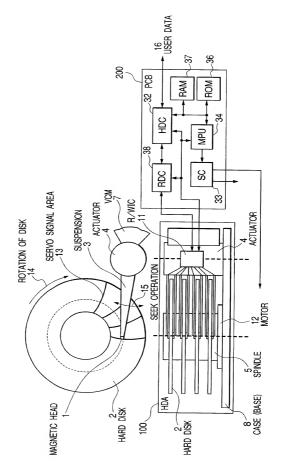
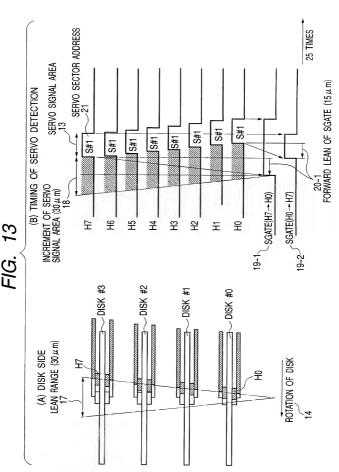
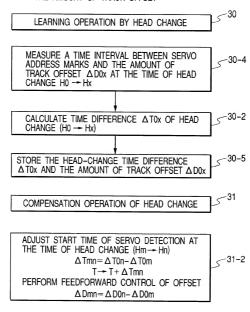


FIG. 12 CONFIGURATION OF HDD

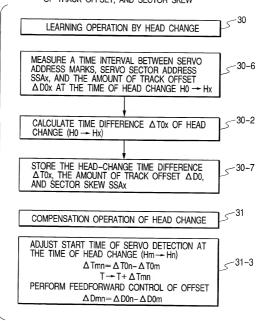




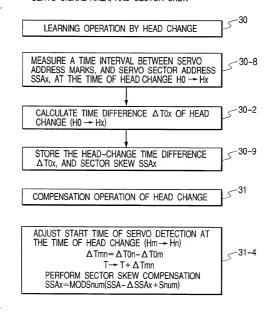
LEARNING OF THE AMOUNT OF HEAD SKEW OF SERVO SIGNAL AREA AND THE AMOUNT OF TRACK OFFSET



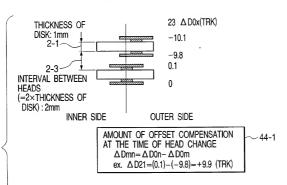
LEARNING OF THE AMOUNT OF HEAD SKEW OF SERVO SIGNAL AREA, THE AMOUNT OF TRACK OFFSET, AND SECTOR SKEW

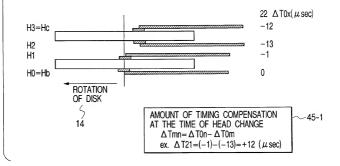


LEARNING OF THE AMOUNT OF HEAD SKEW OF SERVO SIGNAL AREA. AND SECTOR SKEW



TWO DISKS BUILT INTO MOBILE COMPUTING DEVICE





APPLICATION OF ONE PRE-STW DISK BY PATTERNED DISK AND MAGNETIC PRINTED MEDIA STW

